# HC-HPR-B06-SHFH-2SSM20-EMR-BK - Housing

1411880

https://www.phoenixcontact.com/us/products/1411880

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HEAVYCON B6 box mounting base, for screw locking, HPR series, with 2 x M20 gland, for increased environmental and EMC requirements

## Your advantages

- Vibration and shock: IEC 61373/EN 50155, category 1, class 1B

## Commercial data

| | |
|---|---|
| Item number | 1411880 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | BF60 |
| Product key | AF7AAI |
| GTIN | 4046356944472 |
| Weight per piece (including packing) | 822 g |
| Weight per piece (excluding packing) | 806 g |
| Customs tariff number | 85389099 |
| Country of origin | CN |

## Technical data

### Notes

| | |
|---|---|
| General | For contact inserts HC-B6, BB10, DD24, M |

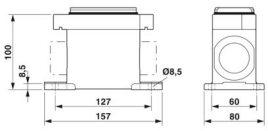
### Product properties

| | |
|---|---|
| Product type | Housing with screw locking |
| Housing type | Surface mounting housing |
| Product family | HC-HPR-B |
| Series | HPR-B6 |
| Application | Railway applications |
| Type | B6 |
| No. of cable outlets | 2 |
| Type of the screw connection | 2x M20 |
| Protective cover | no |
| Cable outlet | lateral |
| Pg screw connection | none |

### Connection data

| | |
|---|---|
| Tightening torque | 10 Nm ... 15 Nm (for M8 mounting screws on the surface-mount housing) |

### Dimensions

| | |
|---|---|
| Dimensional drawing |  |
| Width | 80 mm |
| Height | 100 mm |
| Length | 157 mm |
| Drill hole distance, horizontal | 127 mm |
| Drill hole distance, vertical | 60 mm |
| Hole diameter | 8.5 mm |

### Material specifications

| | |
|---|---|
| Material grommet GRP | NBR (Profile gasket (O-ring)) |
| Housing material | Die-cast aluminum |
| Housing surface material | Powder-coated, black |

### Environmental and real-life conditions

| Ambient conditions | |
|---|---|
| | IP66 |

| | |
|---|---|
| Degree of protection | IP68 (0.5 bar / 24 h) |
| | IP69 (ISO 20653:2013-02) |
| Impact strength | IK09 |
| Ambient temperature (operation) | -40 °C ... 125 °C |

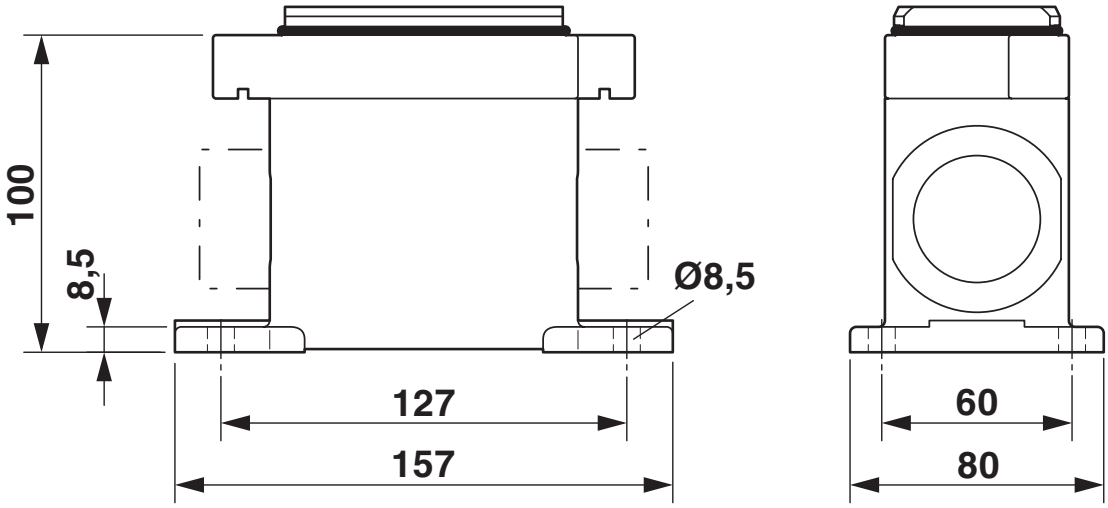
## Mechanical properties

Mechanical data

| | |
|---|---|
| Type of the screw connection | 2x M20 |
| Locking type | Nut |

## Drawings

Dimensional drawing




Dimensional drawing

## Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1411880

**DNV**
Approval ID: TAE000037S

**EAC**
Approval ID: RU C-DE.AI30.B.01102

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27440202 |
| ECLASS-15.0 | 27440202 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC000437 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 31261500 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |

EF3.1 Climate Change

| | |
|---|---|
| CO2e kg | 27.146 kg CO2e |

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com